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U.S. Department of Justice

United States Attorney Southern District of New York

United States District Courthouse 300 Quarropas Street White Plains, New York 10601

April 15, 2022

By CM/ECF

The Honorable John G. Koeltl United States District Judge Southern District of New York 500 Pearl Street New York, New York 10007 APPLICATION GRANTED SO ORDERED

John G. Koeltl, U.S.D.J.

Re:

United States v. Dave Minter,

20 Cr. 389 (JGK)

Dear Judge Koeltl:

The Government respectfully moves, at the recommendation of the Court, to correct or modify the record for appeal. In particular, at defendant Dave Minter's sentencing, the Government provided the Court and the defendant with a 13-page hard-copy table—attached as an exhibit to this latter—titled "List of enumerated substances in N.Y. Pub. Health Law § 3306 for which 'isomers' are controlled with no further discussion of what types of 'isomers." (Sent. Tr. 21, 40). In order to ensure that the chart was entered into the record, the Court recommended that the Government "file[] a letter" electronically, attaching the chart, and the Court would "so order the letter." (Sent. Tr. 40).

The Government has, in fact, filed a notice of appeal in this matter. (Docket Entry 77). Accordingly, it respectfully moves, pursuant to Federal Rule of Appellate Procedure 10(e)(2)(B),² to correct or modify the record by including the chart—attached as an exhibit to this letter—in the record.

I have communicated with Derek A. Cohen, Esq., counsel for Minter, who told me that he has no objection to such a correction or modification.

¹ The sentencing transcript is available at Docket Entry 72.

² Rule 10(e)(2)(B) provides: "If anything material to either party is omitted from or misstated in the record by error or accident, the omission or misstatement may be corrected and a supplemental record may be certified and forwarded ... by the district court before or after the record has been forwarded."

Hon. John G. Koeltl April 15, 2022 Page 2 of 2

Please feel free to contact me with any questions or issues.

Respectfully submitted,

DAMIAN WILLIAMS United States Attorney

By:

Michael D. Maimin

Assistant United States Attorney

(914) 993-1952

cc: Derek A. Cohen, Esq. (by electronic mail and CM/ECF)

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List of enumerated substances in N.Y. PuB. HEALTH LAW § 3306 for which "isomers" are controlled with no further discussion of what types of "isomers"

Key:

- Name: Name of controlled substance
- Schedule: Schedule and section in which the substance is controlled
- Chemical Formula: The chemical formula for the controlled substance
- Total Isomers: the total number of isomers for the chemical formula, as reported to PubChem
- Enumerated Constitutional Isomers: substances enumerated in Section 3306 that are also constitutional isomers of the controlled substance

Name	Schedule	Chem ical Formula	Total Isomers	Enumerated Constitutional Isomers
Acetyl-alpha-methylfentanyl	I(b)(1)	C22H28N2O	4,732	Fentanyl, Schedule II(c)(9)
Acetylmethadol	I(b)(2)	C23H31NO2	3,026	Alphacetylemethadol, Schedule I(b)(4); Betacetylmethadol, Schedule I(b)(12); Levo-alphacetylemethadol, Schedule II(c)(11)
Allylprodine	I(b)(3)	C ₁₈ H ₂₆ NO ₂	11,487	
Alphacetylmethadol	I(b)(4)	C23H31NO2	3,026	Acetylmethadol, Schedule I(b)(2); Betacetylmethadol, Schedule I(b)(12); Levo-alphacetylmethadol, Schedule II(c)(11)
Alphameprodine	I(b)(5)	C ₁₇ H2sNO2	20,655	Betameprodine, Schedule I(b)(13); Proheptazine, Schedule I(b)(49); Trimeperdine, Schedule I(b)(55)
Alphamethadol	(9)(q)I	C ₂₁ H ₂₉ NO	2,470	Betamethadol, Schedule I(b)(14); Dimepheptanol, Schedule I(b)(22)
Alpha-methylfentanyl	(b)(d)	C23H30N2O	3,355	Butyryl Fentanyl, Schedule I(b)(58)
Alpha-methylthiofentanyl	I(b)(8)	$\mathrm{C}_{21}\mathrm{H}_{28}\mathrm{N}_{2}\mathrm{OS}$	1,174	3-Methylthiofentanyl, Schedule I(b)(35)
Beta-hydroxyfentanyl	(6)(q)I	C22H28N2O2	11,712	Methoxyacetyl fentanyl, Schedule I(b)(66); Anileridine, Schedule II(c)(3)
Beta-hydroxy-3- methylfentanyl	I(b)(10)	$C_{23}H_{30}N_2O_2$	8,512	Piminodine, Schedule II(c)(23)
Benzethidine	(11)(Q)I	C23H29NO3	4,837	Phenoperidine, Schedule I(b)(47)
Betacetylmethadol	I(b)(12)	$\mathrm{C}_{23}\mathrm{H}_{31}\mathrm{NO}_{2}$	3,026	Acetylmethadol, Schedule I(b)(2); Alphacetylemethadol, Schedule I(b)(4); Levo-alphacetylemethadol, Schedule II(c)(11)

Name	Schedule	Chemical Formula	Total Isomers	Enumerated Constitutional Isomers
Betameprodine	1(b)(13)	C ₁₇ HzsNO ₂	20,655	Alphameprodine, Schedule I(b)(5); Proheptazine, Schedule I(b)(49); Trimeperdidine, Schedule I(b)(55)
Betamethadol	I(b)(14)	$C_{21}H_{29}NO$	2,470	Alphamethadol, Schedule I(b)(6); Dimepheptanol, Schedule I(b)(22)
Betaprodine	I(b)(15)	C16H23NO2	27,404	Properidine, Schedule I(b)(50); Alphaprodine, Schedule II(c)(2)
Clonitazene	I(b)(16)	$\mathrm{C}_{20}\mathrm{H}_{23}\mathrm{CIN}_4\mathrm{O}_2$	2,421	
Dextromoramide	(41)(4)1	C26H32N2O2	3,796	Levomoramide, Schedule I(b)(32); Racemoramide, Schedule I(b)(52)
Diampromide	I(b)(18)	$\mathrm{C}_{21}\mathrm{H}_{28}\mathrm{N}_{2}\mathrm{O}$	4,499	
Diethylthiambutene	(61)(Q)I	CieH21NS2	527	
Difenoxin	I(b)(20)	$\mathrm{C_{28}H_{28}N_{2}O_{2}}$	2,093	
Dimenoxadol	I(b)(21)	C20H25NO3	10,949	
Dimepheptanol	I(b)(22)	C ₂₁ H ₂₉ NO	2,470	Alphamethadol, Schedule I(b)(6); Betamethadol, Schedule I(b)(14)
Dimethylthiambutene	I(b)(23)	C14H17NS2	567	
Dioxaphetyl butyrate.	I(b)(24)	C22H27NO3	6,749	
Dipipanone	I(b)(25)	C24H31NO	1,229	
Ethylmethylthiambutene	I(b)(26)	$\mathrm{C}_{15}\mathrm{H}_{19}\mathrm{NS}_{2}$	561	
Etonitazene	I(b)(27)	C22H28N4O3	10,000	
Etoxeridine	I(b)(28)	C ₁₈ H ₂₇ NO ₄	5,896	
Furethidine	I(b)(29)	C21H31NO4	2,280	
Hydroxypethidine	I(b)(30)	C ₁₅ H ₂₁ NO ₃	30,116	
Ketobemidone	I(b)(31)	C16H21NO2	28,101	Pethidine, Schedule II(c)(18)
Levomoramide	I(b)(32)	C ₂₅ H ₃₂ N ₂ O ₂	3,796	Dextromoramide, Schedule I(b)(17); Racemoramide, Schedule I(b)(52)
Levophenacylmorphan	[b)(33)	C24H27NO2	2,686	
3-Methylthiofentanyl	I(b)(35)	C ₂₁ H ₂₈ N ₂ OS	1,174	Alpha-methylthiofentanyl, Schedule I(b)(8)

Name	Schedule	Chemical Formula	Total Isomers	Enumerated Constitutional Isomers
Morpheridine	I(b)(36)	CzoHseNzO3	11,346	
MPPP	I(b)(37)	C14H19NO	14,948	
Noracymethadol	I(b)(38)	C ₂₂ H ₂₉ NO ₂	4,916	Bulk dextropropoxyphene, Schedule II(c)(5)
Norlevorphanol	I(b)(39)	C ₁₆ H ₂₁ NO	9,235	
Normethadone	1(b)(40)	C20H26NO	4,384	
Norpipanone	I(b)(41)	C23H29NO	1,873	
Para-fluorofentanyl	I(b)(42)	Cg2H27FN2O	1,081	Ortho-fluorofentanyl, Schedule I(b)(64)
PEPAP	I(b)(43)	C21H26NO2	6,437	
Phenadoxone	I(b)(44)	C22H23NO2	3,333	
Phenampromide	I(b)(45)	C17H26N2O	28,213	
Phenomorphan	I(b)(46)	C24H29NO	1,048	
Phenoperidine	I(b)(47)	C23H29NO3	4,837	Benzethidine, Schedule I(b)(11)
Piritramide	I(b)(48)	C27H34N4O	1,130	
Proheptazine	I(b)(49)	C17H25NO2	20,655	Alphameprodine, Schedule I(b)(5); Betameprodine, Schedule I(b)(13); Timeperidine, Schedule I(b)(55)
Properidine	I(b)(50)	C16H23NO2	27,404	Betaprodine, Schedule I(b)(15); Alphaprodine, Schedule II(c)(2)
Propiram	I(b)(51)	$\mathrm{C_{16}H_{25}N_{3}O}$	26,288	
Racemoramide	1(6)(52)	C26H32N2O2	3,796	Dextromoramide, Schedule I(b)(32); Levomoramide, Schedule I(b)(32)
Thiofentanyl	I(b)(53)	$\mathrm{C}_{20}\mathrm{H}_{26}\mathrm{N}_{2}\mathrm{OS}$	2,198	
Tilidine	I(b)(54)	C17H23NO2	14,882	
Trimeperidine	I(b)(55)	C ₁₇ H ₂₆ NO ₂	20,655	Alphameprodine, Schedule I(b)(5), Betameprodine, Schedule I(b)(13); Proheptazine, Schedule I(b)(49)
AH-7921	I(b)(56)	C ₁₆ H ₂₂ Cl ₂ N ₂ O	1,934	U.47700, Schedule I(b)(61)
Acetyl Fentanyl	I(b)(57)	$\mathrm{C}_{21}\mathrm{H}_{26}\mathrm{N}_{2}\mathrm{O}$	6,273	

Name	Schedule	Chemical Formula	Total Isomers	Enumerated Constitutional Isomers
Butyryl Fentanyl	I(b)(58)	C23H30N2O	3,355	Alpha-methylfentanyl, Schedule I(b)(7)
Beta-Hydroxythiofentanyl	I(b)(59)	$\mathrm{C}_{20}\mathrm{H}_{26}\mathrm{N}_{2}\mathrm{O}_{2}\mathrm{S}$	4,357	
Furanyl Fentanyl	(09)(0)	C24H26N2O2	261'9	
U-47700	I(b)(61)	C16H22Cl2N2O	1,934	AH-7921, Schedule I(b)(56)
Acryl Fentanyl	I(b)(62)	C22H26N2O	3,864	
para- fluoroisobutvrvlfentanyl	I(b)(63)	$\mathrm{C_{23}H_{29}FN_{2}O}$	675	Para-fluorobutyrylfentanyl, Schedule I(b)(68)
Ortho-fluorofentanyl	1(b)(64)	Cg2H27FN2O	1,081	Para-fluorofentanyl, Schedule I(b)(42)
tetrahydrofuranyl fentanyl	I(b)(65)	$C_{24}H_{30}N_2O_2$	6,075	
methoxyacetyl fentanyl	I(b)(66)	Cg2H28N2O3	11,712	Beta-hydroxyfentanyl, Schedule I(b)(9); Anileridine, Schedule II(c)(3)
cyclopropyl fentanyl	I(b)(67)	$\mathrm{C}_{23}\mathrm{H}_{28}\mathrm{N}_2\mathrm{O}$	3,199	
para-fluorobutyrylfentanyl	I(b)(68)	C23H29FN2O	975	Para-fluoroisobutyrylfentanyl, Schedule I(b)(63)
Ocfentanil	(69)(q)I	$\mathrm{C}_{22}\mathrm{H}_{27}\mathrm{FN}_2\mathrm{O}_2$	2,532	
MT-45	(02)(9)	C24H32N2	978	
Acetorphine	I(c)(1)	C27H35NO5	879	
Acetyldihydrocodeine	I(c)(2)	C20H28NO4	8,093	
Benzylmorphine	I(c)(3)	$C_{24}H_{25}NO_3$	3,717	
Codeine methylbromide	I(c)(4)	C19H24BrNO3	539	
Codeine-N-oxide	I(c)(5)	C ₁₈ H ₂₁ NO ₄	9,289	Oxycodone, Schedule II(b)(1)(14)
Cyprenorphine	I(c)(6)	CzeH33NO4	1,780	
Desomorphine	I(c)(7)	$\mathrm{C}_{17}\mathrm{H}_{21}\mathrm{NO}_{2}$	16,017	
Dihydromorphine	I(c)(S)	G17H21NOs	16,427	
Drotebanol	I(C)(9)	C ₁₉ H ₂₇ NO ₄	6,692	

Name	Schedule	Chem ical Formula	Total Isomers	Enumerated Constitutional Isomers
Etorphine (except hydrochloride salt	1(C)(10)	C25H33NO4	2,056	
Heroin	I(c)(11)	$\mathrm{C}_{21}\mathrm{H}_{23}\mathrm{NO}_{5}$	7,177	
Hydromorphinol	I(c)(12)	CirH21NO4	8,429	
Methyldesorphine	I(c)(13)	$\mathrm{C_{18}H_{21}NO_{2}}$	16,719	
Methyldihydromorphine	I(c)(14)	C18H23NO3	9,258	Dihydrocodeine, Schedule $\Pi(c)(\mathcal{T})$
Morphine methylbromide	I(c)(15)	$\mathrm{C_{18}H_{22}BrNO_{3}}$	774	
Morphine methylsulfonate	1(c)(16)	ClsH21NO5S	2,917	
Morphine-N-oxide	I(c)(17)	C17H19NO4	8,236	Oxymorphone, Schedule II(b)(1)(15)
Myrophine	I(c)(18)	C38H51NO4	55	
Nicocodeine	I(c)(19)	$C_{24}H_{24}N_{2}O_{4}$	6,949	
Nicomorphine	I(c)(20)	C ₂₉ H ₂₅ N ₃ O ₅	730	
Normorphine	I(c)(21)	$\mathrm{C_{16}H_{17}NO_3}$	13,259	
Pholcodine	I(c)(22)	C23H30N2O4	7,263	
Thebacon	I(c)(23)	C20H23NO4	13,079	
Mecloqualone	(T)(a)	C ₁₅ H ₁₁ ClN ₂ O	1,815	Nordiazepam, Schedule IV(c)(35)
Methaqualone	I(e)(2)	$\mathrm{C_{16}H_{14}N_{2}O}$	5,268	
Phencyclidine	(E)(3)	C17H2sN	4,918	
Gamma hydroxybutyric acid	I(e)(4)	C₄H ₈ O ₃	442	
Gamma-butyrolactone	I(e)(5)	C4HeO2	350	
1,4 butanediol	(9)(e)I	$C_4H_{10}O_2$	137	
Fenethylline	I(f)(1)	C ₁₈ H ₂₈ N ₅ O ₂	12,146	
N-ethylamphetamine	I(f)(2)	C ₁₁ H ₁₇ N	4,741	N,N-dimethylamphetamine, Schedule I(f)(4)

Name	Schedule	Chemical Formula	Total Isomers	Enumerated Constitutional Isomers
(+-)cis-4-methylaminorex	(E)(J)[C10H12N2O	8,021	
N,N-dimethylamphetamine	I(f)(4)	C11H17N	4,741	N-ethylamphetamine, Schedule I(f)(2)
Methcathinone ** (+its salts, optical isomers and salts of optical isomers)	I(f)(5)	C10H13NO	7,388	
Cathinone	I(f)(7)	C ₉ H ₁₁ NO	4,223	
N-benzylpiperazine	(8)(J)	C11H16N2	7,686	
Mephedrone	(f)(f)I	$\mathrm{C}_{11}\mathrm{H}_{16}\mathrm{NO}$	11,401	Ethylpropion, Schedule I(f)(15); Phenmetrazine, Schedule II(d)(3)
MDPV	I(f)(10)	CieH21NO3	20,289	
Methylone	I(f)(11)	$C_{11}H_{13}NO_3$	10,177	
4-Methoxymethcathinone	I(f)(12)	C11H16NO2	15,355	
3-Fluoromethcathinone	I(f)(13)	$C_{10}H_{12}FNO$	2,484	4-Fluoromethcathinone, Schedule I(f)(14)
4-Fluoromethcathinone	I(f)(14)	CloH12FNO	2,484	3-Fluoromethcathinone, Schedule I(f(13)
Ethylpropion	I(f)(15)	$C_{11}H_{15}NO$	11,401	Mephedrone, Schedule I(f)(9); Phenmetrazine, Schedule II(d)(3)
2-(2,5-Dimethoxy-4-ethylnhenvl)	I(f)(16)	C20H27NO8	5,890	
2-(2,5-Dimethoxy-4-methylphenyl)	I(f)(17)	C12H17NO2	19,400	
2-(4-Chloro-2.5- dimethoxyphenyl)	I(f)(18)	CssH22Cl2N2Os		
2-(4-Iodo-2,5- dimethoxyphenyl)	I(f)(19)	$\mathrm{C}_{18}\mathrm{H}_{20}\mathrm{INO}_4$	172	
2-{4-(Ethylthio)-2,5- dimethoxyphenyl}ethanamin e	I(f)(20)	ClaH20CINO2S	148	
2-{4-(Isopropylthio)-2,5- dimethoxyphenyl}ethanamin e	I(f)(21)	C ₁₁ H ₁₉ NO ₂ S	2,535	

Name	Schedule	Chemical Formula	Total Isomers	Enumerated Constitutional Isomers
2-(2,5- Dimethoxyphenyl)ethanamin e (2C-H)	1(£)(22)	CioH16NO2	10,747	
2-(2,5-Dimethoxy-4-nitro- phenyl)ethanamine (2C-N)	I(f)(23)	$\mathrm{C}_{10}\mathrm{H}_{14}\mathrm{N}_{2}\mathrm{O}_{4}$	5,088	
2-(2,5-Dimethoxy-4-(n)- propylphenyl)ethanamine (2C-P)	I(f)(24)	CısHzıNO2	16,047	
5-(1,1-dimethylheptyl)-2- {(1R,3S)-3- hydroxycyclohexyl}- phenol(CP-47,497)	I(h)(3)(i)	C21H34O2	3,050	
5-(1,1-dimethyloctyl)-2- {(1R,3S)-3- hydroxycyclohexyl}- phenol(cannabicyclohexanol)	I(h)(3)(ii)	O22H36O2	2,234	
1-pentyl-3-(1- naphthoyl)indole	I(h)(3)(iii)	C₂₄H₂₃NO	1,158	
1-butyl-3-(1-naphthoyl)indole (JWH-073)	I(h)(3)(iv)	C ₂₃ H ₂₁ NO	1,382	
1-hexyl-3-(1-naphthoyl)indole (JWH-019)	I(h)(3)(v)	$\mathrm{C_{25}H_{25}NO}$	1,025	
1-{2-(4-morpholinyl)ethyl}-3- (1-naphthoyl)indole	I(h)(8)(h)	C26H24N2O2	3,556	
1-pentyl-3-(2- methoxyphenylacetyl)indole	I(h)(3)(vii)	$\mathrm{C}_{22}\mathrm{H}_{25}\mathrm{NO}_2$	3,668	
1-pentyl-3-{1-(4- methoxynaphthoyl)}indole (JWH-081)	I(h)(3)(viii	C26H26NO2	1,685	1-pentyl-3-(4-methyl-1-naphthoyl)indole (JWH-122), Schedule I(h)(3)(ix)
1-pentyl-3-(4-methyl-1-naphthovl)indole (JWH-122)	I(h)(3)(ix)	$\mathrm{C}_{25}\mathrm{H}_{25}\mathrm{NO}_2$	1,685	1-pentyl-3-{1-(4-methoxynaphthoyl)}indole (JWH-081), Schedule I(h)(3)(viii)
1-pentyl-3-(4-chloro-1- naphthoyl)indole (JWH-398)	I(h)(3)(x)	C24H22CINO	200	
1-(5-fluoropentyl)-3-(1- naphthoyl)indole (AM2201)	I(h)(3)(xi)	C ₂₄ H ₂₂ FNO	181	

Name	Schedule	Chemical Formula	Total Isomers	Enumerated Constitutional Isomers
1-(5-fluoropentyl)-3-(2-iodobenzovl)indole (AM694)	I(h)(3)(xii)	C20H19FINO	6	
1-pentyl-3-{(4-methoxy)-benzoyl}indole (SR-19 and RCS-4)	I(h)(3)(xiii)	$\mathrm{C}_{21}\mathrm{H}_{23}\mathrm{NO}_{2}$	4,239	
1-cyclohexylethyl-3-(2-methoxyphenylacetyl)indole (SR-18 and RCS-8)	I(h)(3)(xiv)	C2sH29NO2	1,757	
1-pentyl-3-(2- chlorophenylacetyl)indole (JWH-203)	I(h)(3)(xv)	C21H22CINO	446	
Alfentanil	II(e)(1)	C21H32N6O3	678	
Alphaprodine	II(c)(2)	$\mathrm{C_{16}H_{23}NO_{2}}$	27,404	Betaprodine, Schedule I(b)(15); Properidine, Schedule I(b)(50)
Anileridine	II(c)(3)	C22H28N2O2	11,712	Beta-hydroxyfentanyl, Schedule I(b)(9); Methodyacetyl fentanyl, Schedule I(b)(66)
Bezitramide	II(c)(4)	$C_{31}H_{32}N_4O_2$	872	
Bulk dextropropoxyphene	II(c)(5)	C22H29NO2	4,916	Noracymethadol, Schedule I(b)(38)
Carfentanil	II(c)(6)	C24H30N2O3	8,498	
Dihydrocodeine	(T)(c)(T)	C ₁₈ H ₂₃ NO ₃	9,258	Methyldihydromorphine, Schedule I(c)(14)
Diphenoxylate	II(c)(8)	C ₃₀ H ₃₂ N ₂ O ₂	1,098	
Fentanyl	(6)(0)[C22H28N2O	4,732	Acetyl-alpha-methylfentanyl, Schedule I(b)(1)
Isomethadone	II(c)(10)	C ₂₁ H ₂₇ NO	3,321	Methadone, Schedule II(c)(15)
Levo-alphacetylmethadol	П(0)(11)	C23H31NO2	3,026	Acetylmethadol, Schedule I(b)(2); Alphacetylemethadol, Schedule I(b)(4); Betacetylmethadol, Schedule I(b)(12)
Levomethorphan	II(c)(12)	C ₁₈ H ₂₅ NO	7,048	Racemethorphan, Schedule II(c)(24)
Levorphanol	II(c)(13)	C17H23NO	8,426	Racemorphan, Schedule II(c)(25)
Metazocine	II(c)(14)	C ₁₆ H ₂₁ NO	16,221	
Methadone	II(c)(15)	C21H27NO	3,321	Isomethadone, Schedule II(c)(10)

Name	Schedule	Chemical Formula	Total	Enumerated Constitutional Isomers
Methadone-intermediate	II(c)(16)	C19H22N2	3,755	
Moramide-intermediate	II(c)(17)	C21H26NO3	10,017	
Pethidine	II(c)(18)	C ₁₅ H ₂₁ NO ₂	28,101	Ketobemidone, Schedule I(b)(31)
Pethidine-intermediate-A	(61)(2)II	C ₁₃ H ₁₆ N ₂	6,755	
Pethidine-intermediate-B	II(c)(20)	C14H19NO2	25,264	Methylphenidate, Schedule II(d)(4)
Pethidine-intermediate-C	II(c)(21)	CisHi7NO2	20,400	
Phenazocine	II(c)(22)	C ₂₂ H ₂₇ NO	2,341	
Piminodine	II(c)(23)	C23H30N2O2	8,512	Beta-hydroxy-3-methylfentanyl, Schedule I(b)(10)
Racemethorphan	II(c)(24)	C ₁₈ H ₂₅ NO	7,048	Levomethorphan, Schedule II(c)(12)
Racemorphan	II(c)(25)	C ₁₇ H23NO	8,426	Levorphanol, Schedule II(c)(13)
Sufentanil	II(c)(26)	C22H30N2O2S	1,724	
Remifentanil	11(0)(27)	C20H28N2O5	4,458	
Tapentadol	II(c)(28)	C ₁₄ H ₂₃ NO	15,175	
Thiafentanil	II(c)(29)	C22H28N2O4S	8,253	
Amphetamine	II(d)(1)	$ m C_9H_{13}N$	2,918	
Methamphetamine	II(d)(2)	CioHisN	4,039	Phentermine, Schedule IV(e)(8)
Phenmetrazine	II(d)(3)	$\mathrm{C}_{11}\mathrm{H}_{15}\mathrm{NO}$	11,401	Mephedrone, Schedule I(f)(9); Ethylpropion, Schedule I(f)(15)
Methylphenidate	II(d)(4)	Cl4H19NO2	25,264	Pethidine-intermediate-B, Schedule II(c)(20)
Lisdexamfetamine	II(d)(5)	$\mathrm{C_{15}H_{25}N_{3}O}$	23,521	
Amobarbital	(I)(e)(I)	C11H18N2O3	661,01	Pentobarbital, Schedule II(e)(3)
Glutethimide	II(e)(2)	$\mathrm{C}_{13}\mathrm{H}_{15}\mathrm{NO}_2$	12,654	
Pentobarbital	(e)(3)	C11H1sNeO3	10,199	Amobarbital, Schedule II(e)(1)
Secobarbital	II(e)(4)	C12H18N2O3	16,871	

Name	Schedule	Chemical	Total	Enumerated Constitutional Isomers
		Formula	Isomers	
Chlorhexadol	III(c)(4)	CsH15Cl2O3	13	
Lysergic acid	III(c)(5)	C16H16N2O2	12,694	
Lysergic acid amide	(9)(0)[II]	C ₁₆ H ₁₇ N ₃ O	13,344	
Methyprylon	(T)(c)(T)	C10H17NO2	12,020	
Sulfondiethylmethane	(8)(a)	C9H20O4S2	61	
Sulfonethylmethane	(6)(o)III	$ m C_8H_{18}O_4S_2$	80	
Sulfonmethane	III(e)(10)	C7H16O4S2	59	
Tiletamine	III(c)(11)	C ₁₂ H ₁₇ NOS	5,197	
Zolazepam	III(c)(11)	C _{is} H ₁₅ FN ₄ O	1,555	
Ketamine	III(c)(13)	$C_{13}H_{16}CINO$	3,766	
Embutramide	III(c)(14)	CrH27NOs	13,414	
Alprazolam	IV(c)(1)	$\mathrm{C}_{17}\mathrm{H}_{13}\mathrm{ClN}_4$	493	
Barbital	W(c)(2)	CsH12N2Os	4,541	
Bromazepam	IV(c)(3)	$\mathrm{C}_{14}\mathrm{H}_{10}\mathrm{BrN}_3\mathrm{O}$	1,106	
Camazepam	IV(c)(4)	C19H18CIN3O3	4,265	
Chloral betaine	IV(c)(5)	C7H14Cl3NO4	2	
Chloral hydrate	IV(c)(6)	C2HsCl3O2	16	
Chlordiazepoxide	IV(c)(7)	C ₁₆ H ₁₄ ClN ₃ O	3,837	
Clobazam	IV(c)(8)	C16H13CIN2O2	3,812	Temazepam, Schedule IV(c)(43)
Clonazepam	IV(c)(9)	C ₁₅ H ₁₀ ClN ₃ O ₃	548	
Clorazepate	[V(e)(10)	C16H11ClN2O3	946	
Clotiazepam	IV(c)(11)	C16H15CIN2OS	1,793	
Cloxazolam	IV(c)(12)	C17H14Cl2N2O2	1,523	
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Name	Schedule	Chem ical Formula	Total Isomers	Enumerated Constitutional Isomers
Delorazepam	IV(c)(13)	$\mathrm{C_{15}H_{10}Cl_2N_2O}$	1,047	
Diazepam	IV(c)(14)	C16H13CIN2O	2,889	Mazindol, Schedule IV(e)(5)
Estazolam	IV(c)(15)	C ₁₆ H ₁₁ ClN ₄	559	
Ethchlorvynol	IV(c)(16)	C ₇ H ₉ ClO	491	
Ethinamate	IV(c)(17)	$\mathrm{C_9H_{13}NO_2}$	8,068	
Ethyl Loflazepate	IV(c)(18)	C16H14CIFN2O3	809	
Fludiazepam	IV(c)(19)	C16H12CIFN2O	1,163	
Flunitrazepam	IV(c)(20)	OteH12FN3O3	725	
Flurazepam	IV(c)(21)	C21H23ClFN3O	346	
Halazepam	IV(c)(22)	ChH12ClF3N2O	228	
Haloxazolam	IV(c)(23)	$\mathrm{C}_{17}\mathrm{H}_{14}\mathrm{BrFN}_{2}\mathrm{O}_{2}$	477	
Ketazolam	IV(c)(24)	C20H17CIN2O3	2,189	
Loprazolam	IV(c)(25)	C23H21CIN6O3	387	
Lorazepam	IV(c)(26)	C16H10Cl2N2O2	666	
Lormetazepam	IV(c)(27)	$\mathrm{C_{16}H_{12}Cl_2N_2O_2}$	1,102	
Mebutamate	IV(c)(28)	CtoHzoN2O4	4,010	
Medazepam	IV(c)(29)	$\mathrm{C}_{16}\mathrm{H}_{15}\mathrm{CIN}_2$	1,446	
Meprobamate	IV(c)(30)	CsH1sN2O4	2,973	
Methohexital	IV(c)(31)	$C_{14}H_{18}N_2O_3$	27,127	
Methylphenobarbital (mephobarbital)	IV(c)(32)	C ₁₃ H ₁₄ N ₂ O ₃	13,997	
Nimetazepam	IV(c)(33)	$\mathrm{C}_{16}\mathrm{H}_{13}\mathrm{N}_3\mathrm{O}_3$	3,897	
Nitrazepam	IV(c)(34)	C15H11N3O3	2,518	

Name	Schedule	Chem ical Formula	Total Isomers	Enumerated Constitutional Isomers
Nordiazepam	IV(c)(35)	$\mathrm{C_{16}H_{11}CIN_{2}O}$	1,815	Mecloqualone, Schedule I(e)(1)
Oxazepam	IV(c)(36)	C15H11CIN2O2	2,398	
Oxazolam	IV(c)(37)	$\mathrm{C_{18}H_{17}CIN_{2}O_{2}}$	3,878	
Paraldehyde	IV(c)(38)	C6H12O3	2,272	
Petrichoral	IV(c)(39)			
Phenobarbital	IV(c)(40)	C ₁₂ H ₁₂ N ₂ O ₃	800'6	
Pinazepam	IV(c)(41)	$C_{18}H_{13}CIN_2O$	573	
Prazepam	IV(c)(42)	C ₁₉ H ₁₇ ClN ₂ O	1,282	
Temazepam	IV(c)(43)	$\mathrm{C_{16}H_{13}CIN_{2}O_{2}}$	3,812	Cobazam, Schedule IV(c)(8)
Tetrazepam	IV(c)(44)	OthH17CIN2O	5,684	
Triazolam	IV(c)(45)	C17H12Cl2N4	162	
Midazolam	IV(c)(46)	C ₁₈ H ₁₈ ClFN ₈	101	
Quazepam	IV(c)(47)	$C_{17}H_{11}CIF_4N_2S$	10	
Zolpidem	IV(c)(48)	C19H21N3O	8,058	
Dichloralphenazone	IV(c)(49)	$\mathrm{C}_{15\mathrm{H}_{18}\mathrm{Cl}_6\mathrm{N}_2\mathrm{O}_5}$	П	
Zaleplon	IV(c)(50)	C17H16N5O	2,706	
Zopiclone (eszopiclone)	IV(c)(51)	C17H17CIN6O3	382	
Fospropofol	IV(c)(52)	C ₁₈ H2 ₁ O ₅ P	169	
Carisoprodol	IV(c)(53)	C ₁₂ H ₂₄ N ₂ O ₄	4,224	
Cathine ((+)- norpseudoephedrine)	[V(e)(1)	CeHiaNO	6,066	
Diethylpropion	IV(e)(2)	C ₁₃ H ₁₉ NO	19,058	
Fencamfamin	IV(e)(3)	CieH21N	6,157	

Name	Schedule	Chemical Formula	Total Isomers	Enumerated Constitutional Isomers
Fenproporex	IV(e)(4)	C ₁₂ H ₁₆ N ₂	7,558	
Mazindol	IV(e)(5)	C16H18CIN2O	2,889	Diazepam, Schedule IV(c)(14)
Mefenorex	IV(e)(6)	C ₁₂ H ₁₈ CIN	1,916	
Pemoline (including organometallic complexes and chelates thereof)	IV(e)(7)	C ₅ H ₈ N ₂ O ₂	3,757	
Phentermine	IV(e)(8)	$\mathrm{C}_{10}\mathrm{H}_{15}\mathrm{N}$	4,039	Methamphetamine, Schedule II(d)(2)
Pipradrol	IV(e)(9)	C ₁₈ H ₂₁ NO	10,879	
SPA((-))-1-dimethylamino-1, 2-diphenylethane)	IV(e)(10)			
Modafinil	IV(e)(11)	C ₁₅ H ₁₅ NO ₂ S	869'8	
Sibutramine	IV(e)(12)	$\mathrm{C}_{17}\mathrm{H}_{26}\mathrm{ClN}$	1,619	
Pyrovalerone	V(c)(1)	CleHasNO	15,602	
Ezogabine {N-{2-amino-4-(4-fluorobenzylamino)-phenyl}-carbamic acid ethyl ester}	V(d)(1)	$\mathrm{C_{16}H_{18}FN_{3}O_{2}}$	2,936	
Lacosamide {(R)-2-acetoamido-N-benzyl-3-methoxy-propionamide}	V(d)(2)	C15H18N2O3	27,814	
Pregabalin {(S)-3- (aminomethyl)-5- methylhexanoic acid}	V(d)(3)	C ₈ H ₁₇ NO ₂	7,415	